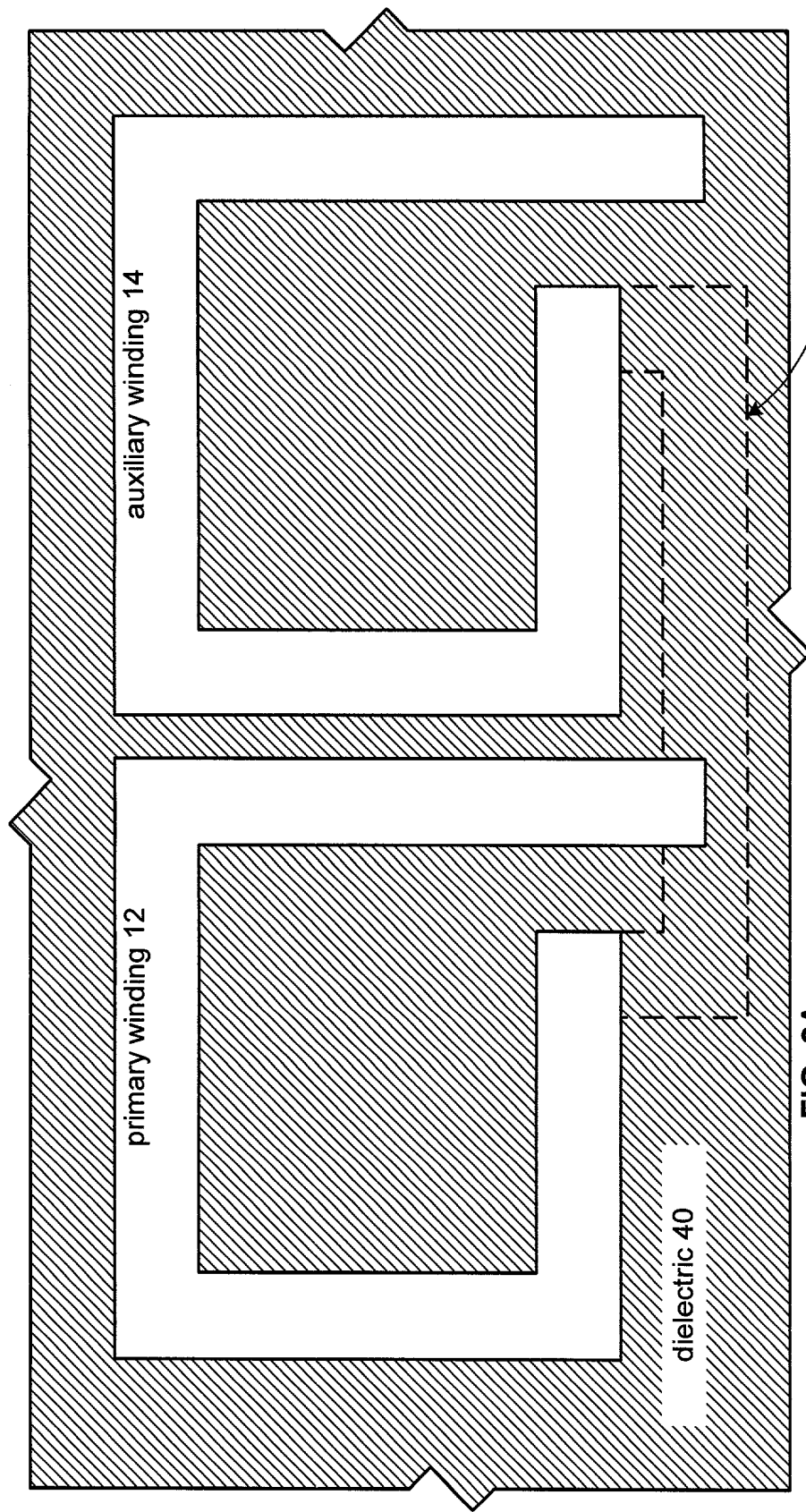


**FIG. 1**  
high-Q on-chip  
inductor 10

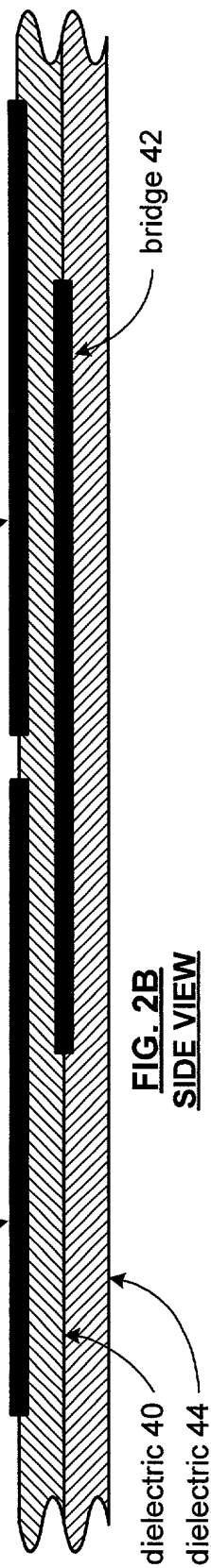


**FIG. 2A**  
**TOP VIEW**

bridge 42

auxiliary winding 14

primary winding 12

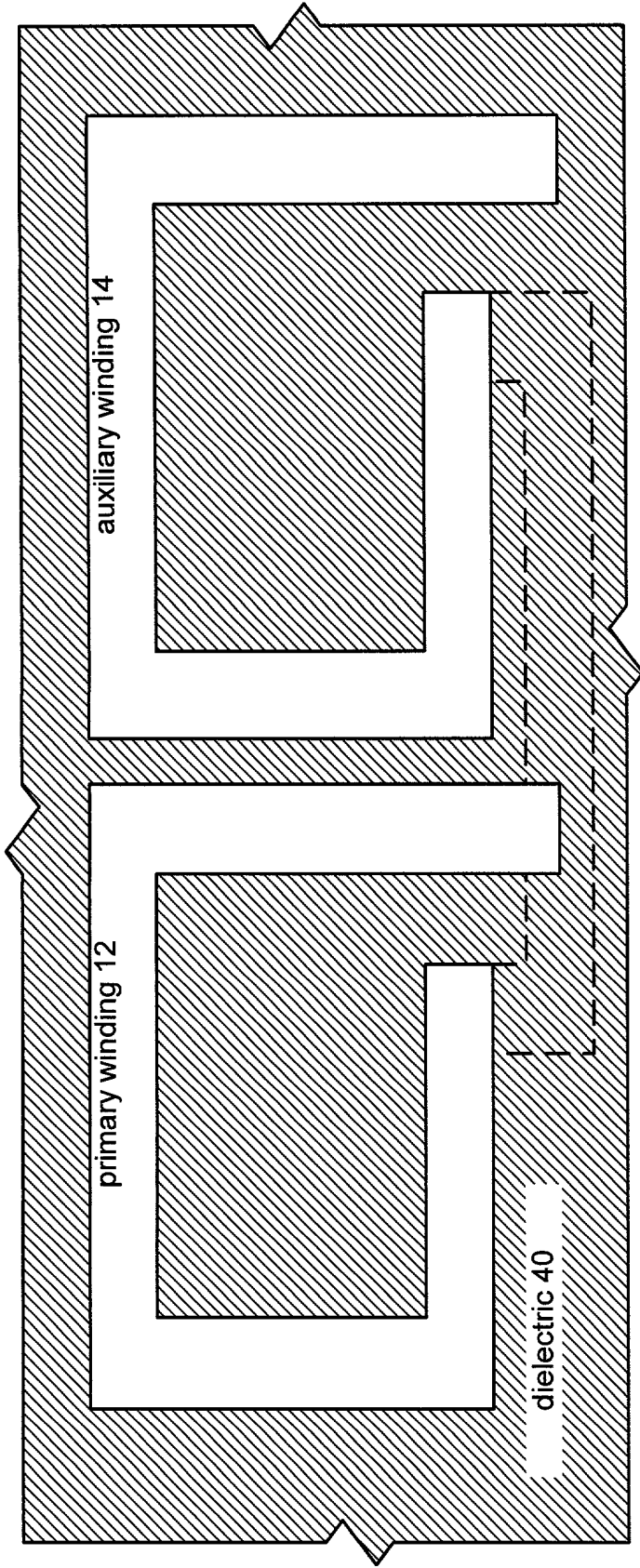


**FIG. 2B**  
**SIDE VIEW**

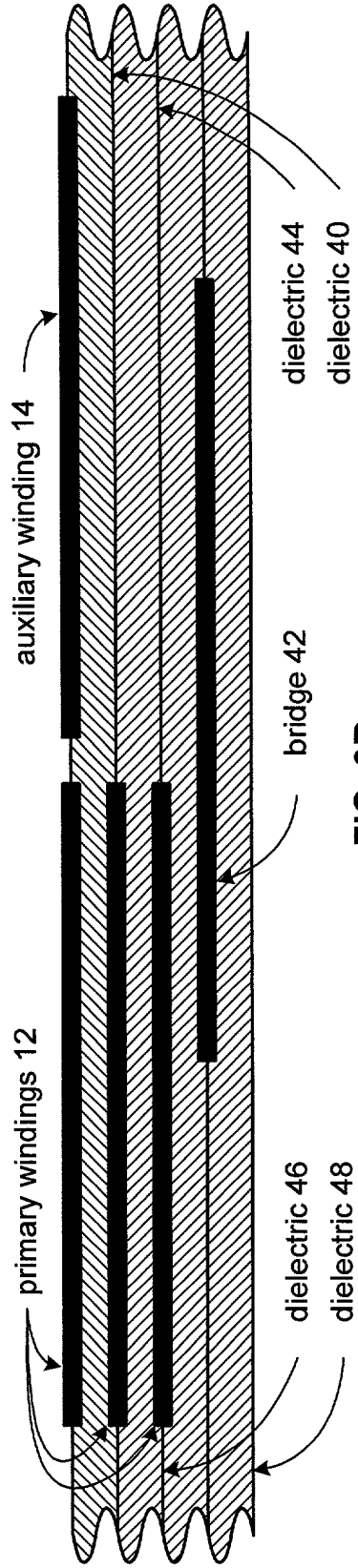
bridge 42

dielectric 40

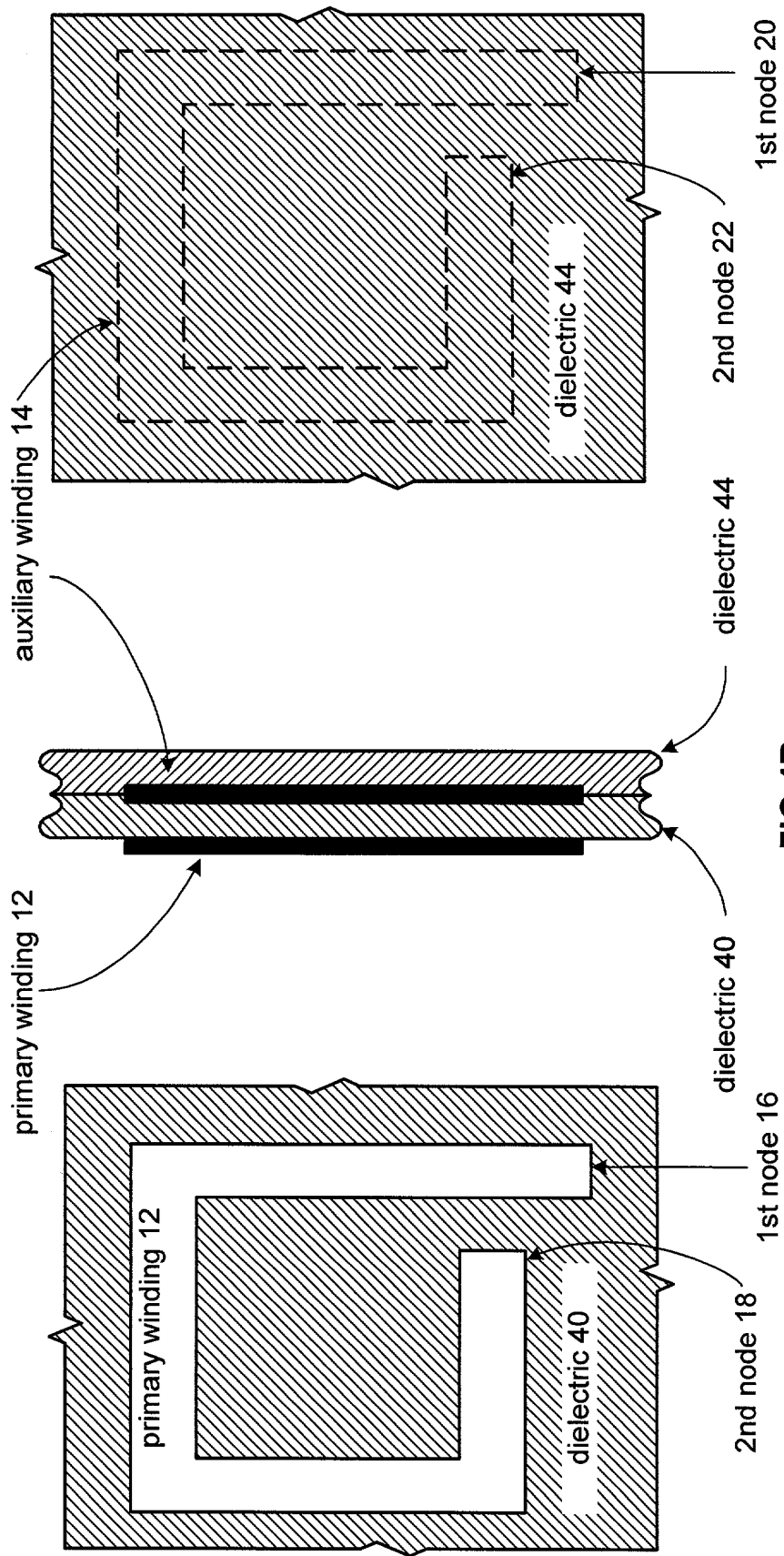
dielectric 44



**FIG. 3A**  
**TOP VIEW**



**FIG. 3B**  
**SIDE VIEW**



**FIG. 4B**  
**SIDE VIEW**

**FIG. 4A**  
**TOP VIEW**

**FIG. 4C**  
**BOTTOM**  
**VIEW**

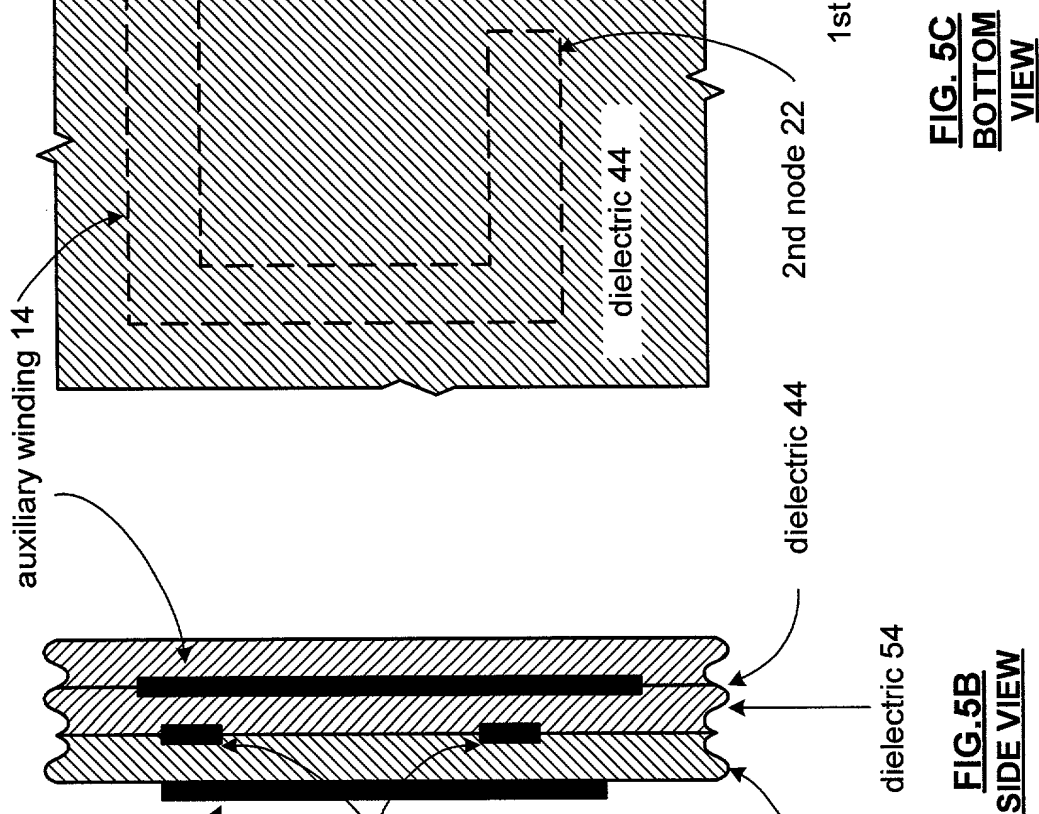
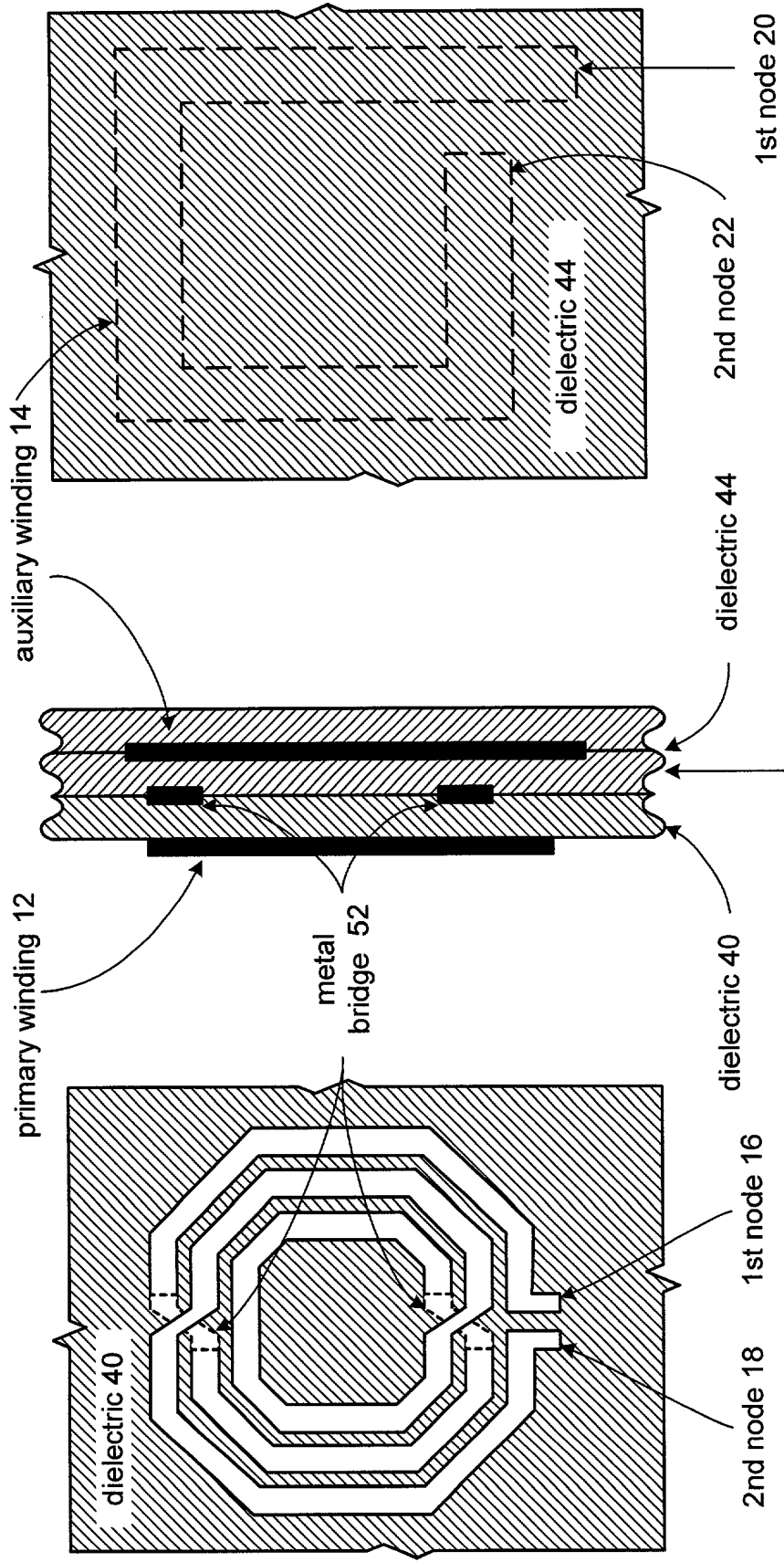
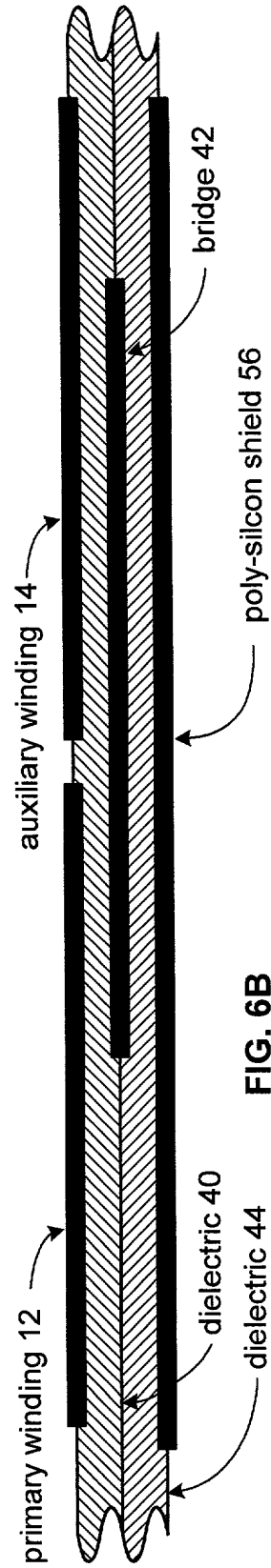
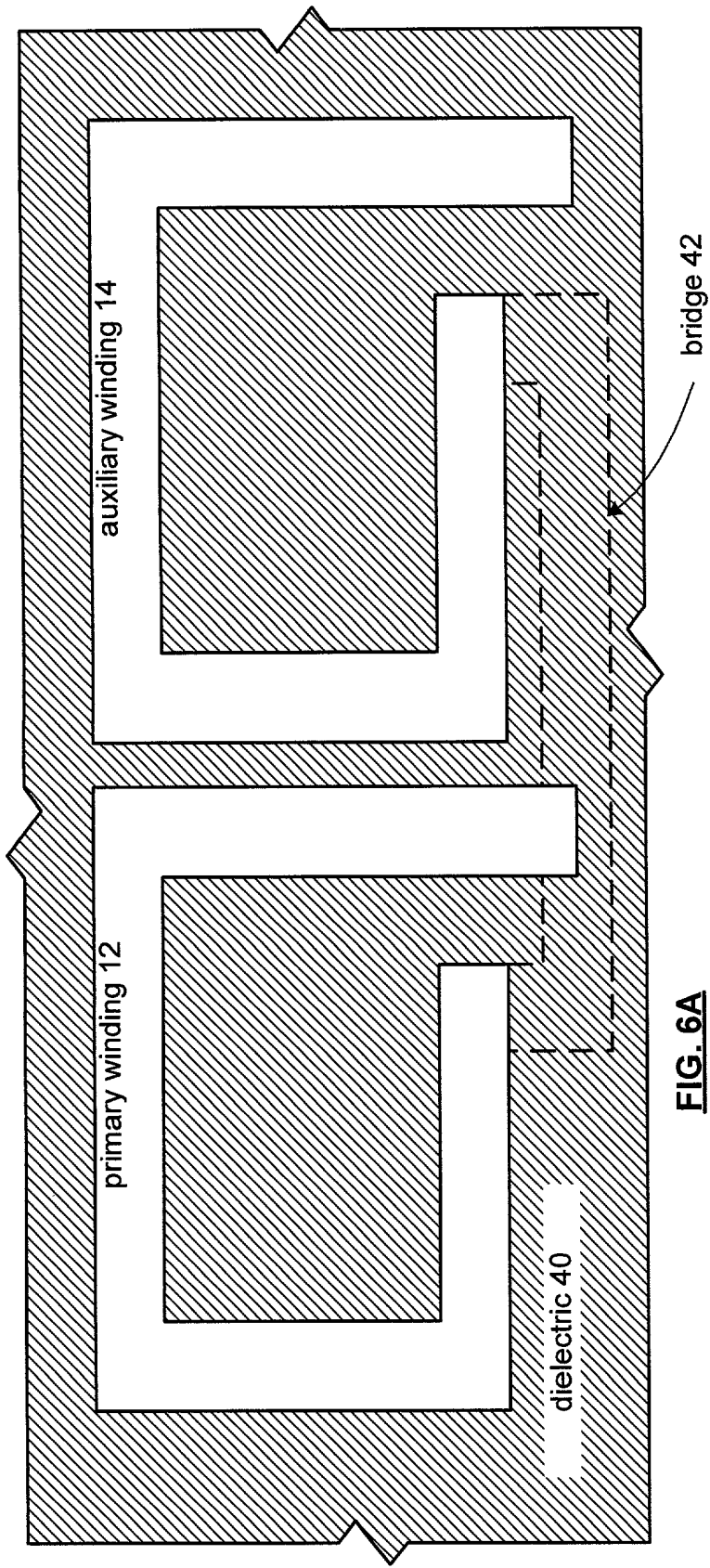
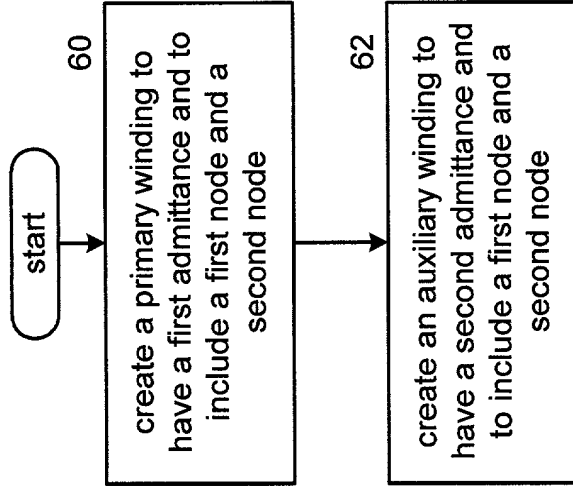


FIG. 5C  
BOTTOM  
VIEW





**FIG. 7**